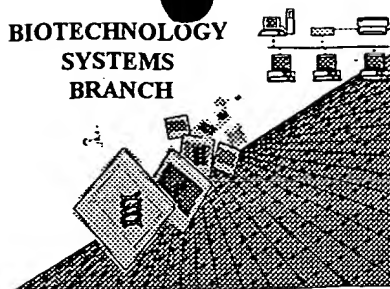


Desi

## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



#8

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/445,289  
Source: 1600 RUSH  
Date Processed by STIC: 8/27/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

# RAW SEQUENCE LISTING

## PATENT APPLICATION US/09/445,289

DATE: 08/27/2001  
TIME: 22:42:02

INPUT SET: S36609.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

use  
upper-case letters  
for all headings

pp 1-214

### GENERAL INFORMATION: SEQUENCE LISTING

#### (1) General Information:

##### (i) APPLICANT:

(A) NAME: The University of Wales

(B) STREET: Aberystwyth, Old College, King Street

(C) CITY: Aberystwyth

(E) COUNTRY: GB

(F) POSTAL CODE (ZIP): SY23 2AX

(A) NAME: Mukamolova, Galina V.

(B) STREET: ul. Otkryabskaya d29 kv392

(C) CITY: g. Zheleznodorozhnyi

(D) STATE: Moscow Region

(E) COUNTRY: Russia

(F) POSTAL CODE (ZIP): none

(A) NAME: Kaprelyants, Arseny S.

(B) STREET: Academician Anochin Street 38/1 Apt.28

(C) CITY: Moscow

(E) COUNTRY: Russia

(F) POSTAL CODE (ZIP): 117602

(A) NAME: Young, Danielle I.

(B) STREET: Bell Vue, Llanilar

(C) CITY: Ceredigion

(E) COUNTRY: GB

(F) POSTAL CODE (ZIP): SY23 4PG

(A) NAME: Kell, Douglas B.

(B) STREET: Symlog House, Cwm Symlog

(C) CITY: Ceredigion

(E) COUNTRY: GB

(F) POSTAL CODE (ZIP): SY23 3HA

(A) NAME: Young, Michael

(B) STREET: Belle Vue, Llanilar

(C) CITY: Ceredigion

(E) COUNTRY: GB

(F) POSTAL CODE (ZIP): SY23 4PG

(ii) TITLE OF INVENTION: Bacterial Pheromones and Uses Therefor

(iii) NUMBER OF SEQUENCES: 59

move up - all response must be on same line as heading

delete

delete

delete

delete

delete

delete

show only  
the applicants

EPO format is  
invalid for U.S.  
applications

de

# RAW SEQUENCE LISTING

## PATENT APPLICATION US/09/445,289

DATE: 08/27/2001  
TIME: 22:42:03

INPUT SET: S36609.raw

46  
47 (v) ~~iv~~ COMPUTER READABLE FORM:  
48 (A) MEDIUM TYPE: Floppy disk  
49 (B) COMPUTER: IBM PC compatible  
50 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
51 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
52  
53 (vi) ~~iv~~ CURRENT APPLICATION DATA:  
54 → (A) APPLICATION NUMBER: Not Assigned  
55 *add here* → (B) FILING DATE:  
56 ~~vi~~ PRIOR APPLICATION DATA:  
57 (vii) (A) APPLICATION NUMBER: PCT/GB98/01619  
58 (B) ~~iv~~ FILING DATE: 03-MAY-1998  
59  
60 (vii) ~~vi~~ PRIOR APPLICATION DATA:  
61 (A) APPLICATION NUMBER: GB 9711389.8  
62 (B) FILING DATE: 04-JUN-1997  
63  
64 (vii) ~~vi~~ PRIOR APPLICATION DATA:  
65 (A) APPLICATION NUMBER: GB 9811221.2  
66 (B) FILING DATE: 27-MAY-1998  
67  
68

(vi) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE:  
(B) STREET:  
(C) CITY:  
(D) STATE:  
(E) COUNTRY:  
(F) ZIP:

*add  
these  
mandatory  
headers  
and  
response  
for a U.S.  
case*

### ERRORED SEQUENCES FOLLOW:

1705 (2) INFORMATION FOR SEQ ID NO:53:  
1706  
1707 (i) SEQUENCE CHARACTERISTICS:  
1708 (A) LENGTH: 27 base pairs  
1709 (B) TYPE: nucleic acid  
1710 (C) STRANDEDNESS: single  
1711 (D) TOPOLOGY: linear  
1712  
1713  
1714  
1715 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:  
1716  
1717 ATCAGGATCC ATATTATTAG TTAAAGA  
1718  
1719  
1720 (2) INFORMATION FOR SEQ ID NO:54:  
1721  
1722 (i) SEQUENCE CHARACTERISTICS:  
1723 *insert opening parenthesis* (A) LENGTH: 663 base pairs  
1724 (B) TYPE: nucleic acid  
1725 (C) STRANDEDNESS: single stranded  
1726 (D) TOPOLOGY: linear  
1727  
1728

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/445,289

DATE: 08/27/2001  
TIME: 22:42:03

INPUT SET: S36609.raw

1729 (ix) FEATURE:  
1730 (A) NAME/KEY: CDS  
1731 (B) LOCATION: 1..663  
1732  
1733  
1734 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:  
1735  
1736 atg act ctc ttc acc act tcc gcc acc cgc tcc cgc cgt gcc acc gcc 48  
1737 Met Thr Leu Phe Thr Thr Ser Ala Thr Arg Ser Arg Arg Ala Thr Ala  
1738 1 5 10 15  
1739  
1740 tcg atc gtc gcg ggc atg acc ctc gcc ggc gcc gcc gcc gtg ggc ttc 96  
1741 Ser Ile Val Ala Gly Met Thr Leu Ala Gly Ala Ala Ala Val Gly Phe  
1742 20 25 30  
1743  
1744 tcc gcc ccg gcc cag gcc gcc acc gtg gac acc tgg gac cgc ctc gcc 144  
1745 Ser Ala Pro Ala Gln Ala Ala Thr Val Asp Thr Trp Asp Arg Leu Ala  
1746 35 40 45  
1747  
1748 gag tgc gag tcc aac ggc acc tgg gac atc aac acc ggc aac ggc ttc 192  
1749 Glu Cys Glu Ser Asn Gly Thr Trp Asp Ile Asn Thr Gly Asn Gly Phe  
1750 50 55 60  
1751  
1752 tac ggc ggc gtg cag ttc acc ctg tcc tcc tgg cag gcc gtc ggc ggc 240  
1753 Tyr Gly Gly Val Gln Phe Thr Leu Ser Ser Trp Gln Ala Val Gly Gly  
1754 65 70 75 80  
1755  
1756 gaa ggc tac ccg cac cag gcc tcg aag gcc gag cag atc aag cgc gcc 288  
1757 Glu Gly Tyr Pro His Gln Ala Ser Lys Ala Glu Gln Ile Lys Arg Ala  
1758 85 90 95  
1759  
1760 gag atc ctc cag gac ctg cag ggc tgg ggc gcg tgg ccg ctg tgc tcg 336  
1761 Glu Ile Leu Gln Asp Leu Gln Gly Trp Gly Ala Trp Pro Leu Cys Ser  
1762 100 105 110  
1763  
1764 cag aag ctg ggc ctg acc cag gct gac gcg gac gcc ggt gac gtg gac 384  
1765 Gln Lys Leu Gly Leu Thr Gln Ala Asp Ala Asp Ala Gly Asp Val Asp  
1766 115 120 125  
1767  
1768 gcc acc gag gcc gcc ccg gtc gcc gtg gag cgc acg gcc acc gtg cag 432  
1769 Ala Thr Glu Ala Ala Pro Val Ala Val Glu Arg Thr Ala Thr Val Gln  
1770 130 135 140  
1771  
1772 cgc cag tcc gcc gcg gac gag gct gcc gcc gag cag gcc gct gcc gcg 480  
1773 Arg Gln Ser Ala Ala Asp Glu Ala Ala Ala Glu Gln Ala Ala Ala Ala  
1774 145 150 155 160  
1775  
1776 gag cag gcc gtc gtc gcc gag gcc gag acc atc gtc gtc aag tcc ggt 528  
1777 Glu Gln Ala Val Val Ala Glu Ala Glu Thr Ile Val Val Lys Ser Gly  
1778 165 170 175  
1779  
1780 gac tcc ctc tgg acg ctc gcc aac gag tac gag gtg gag ggt ggc tgg 576  
1781 Asp Ser Leu Trp Thr Leu Ala Asn Glu Tyr Glu Val Glu Gly Gly Trp

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/445,289DATE: 08/27/2001  
TIME: 22:42:03

INPUT SET: S36609.raw

1782	180	185	190	
1783				
1784	acc gcc ctc tac gag gcc aac aag ggc gcc gtc tcc gac gcc gcc gtg	624		
1785	Thr Ala Leu Tyr Glu Ala Asn Lys Gly Ala Val Ser Asp Ala Ala Val			
1786	195	200	205	
1787				
1788	atc tac gtc ggc cag gag ctc gtc ctg ccg cag gcc tga	663		
1789	Ile Tyr Val Gly Gln Glu Leu Val Leu Pro Gln Ala			
1790	210	215	220	
1791				
1792				

## --&gt; 1793 (2) INFORMATION FOR SEQ ID NO:55:

1794 *OK*

(i) SEQUENCE CHARACTERISTICS:

1795 (A) LENGTH: 6 amino acids

1796 (B) TYPE: amino acid

1797 (D) TOPOLOGY: linear

1798

1799

1800

1801

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:

1802

1803

1804 Ala Pro Pro Ala Asp Leu

1805 1 5

1806

## 1849 (2) INFORMATION FOR SEQ ID NO:59:

1850

(i) SEQUENCE CHARACTERISTICS:

1851 (A) LENGTH: 4 amino acids

1852 (B) TYPE: amino acid

1853 (D) TOPOLOGY: linear

1854

1855

1856

1857

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:

1858

1859

1860 Ala Val Asn Asp

1861 1

1862

1863

1864 1

1865

1866

1867 -31

1868

1869

1870

*delete at end of file*

# SEQUENCE VERIFICATION REPORT

## PATENT APPLICATION US/09/445,289

DATE: 08/27/2001  
TIME: 22:42:04

INPUT SET: S36609.raw

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: The University of Wales
7	Unknown or Misplaced Identifier	(B) STREET: Aberystwyth, Old College, King Street
8	Unknown or Misplaced Identifier	(C) CITY: Aberystwyth
9	Unknown or Misplaced Identifier	(E) COUNTRY: GB
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): SY23 2AX
12	Unknown or Misplaced Identifier	(A) NAME: Mukamolova, Galina V.
13	Unknown or Misplaced Identifier	(B) STREET: uL. Oktyabrskaya d29 kv392
14	Unknown or Misplaced Identifier	(C) CITY: g. Zheleznodorozhnii
15	Unknown or Misplaced Identifier	(D) STATE: Moscow Region
16	Unknown or Misplaced Identifier	(E) COUNTRY: Russia
17	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): none
19	Unknown or Misplaced Identifier	(A) NAME: Kaprelyants, Arseny S.
20	Unknown or Misplaced Identifier	(B) STREET: Academician Anochin Street 38/1 Apt.28
21	Unknown or Misplaced Identifier	(C) CITY: Moscow
22	Unknown or Misplaced Identifier	(E) COUNTRY: Russia
23	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 117602
25	Unknown or Misplaced Identifier	(A) NAME: Young, Danielle I.
26	Unknown or Misplaced Identifier	(B) STREET: Bell Vue, Llanilar
27	Unknown or Misplaced Identifier	(C) CITY: Ceredigion
28	Unknown or Misplaced Identifier	(E) COUNTRY: GB
29	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): SY23 4PG
31	Unknown or Misplaced Identifier	(A) NAME: Kell, Douglas B.
32	Unknown or Misplaced Identifier	(B) STREET: Symlog House, Cwm Symlog
33	Unknown or Misplaced Identifier	(C) CITY: Ceredigion
34	Unknown or Misplaced Identifier	(E) COUNTRY: GB
35	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): SY23 3HA
37	Unknown or Misplaced Identifier	(A) NAME: Young, Michael
38	Unknown or Misplaced Identifier	(B) STREET: Belle Vue, Llanilar
39	Unknown or Misplaced Identifier	(C) CITY: Ceredigion
40	Unknown or Misplaced Identifier	(E) COUNTRY: GB
41	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): SY23 4PG
45	Number of Sequences (59) Doesn't Equal Actual Count (58)	(iii) NUMBER OF SEQUENCES: 59
1734	Wrong Sequence Number	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:
1793	Sequence 54 missing	(2) INFORMATION FOR SEQ ID NO:55:

PAGE: 1

**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/09/445,289**

DATE: 08/27/2001  
TIME: 22:42:04

*INPUT SET: S36609.raw*

ADDRESSEE  
STREET  
CITY  
STATE  
COUNTRY  
ZIP  
CORRESPONDENCE ADDRESS  
APPLICATION NUMBER  
FILING DATE  
CLASSIFICATION